



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: UEDA, et al.

Group Art Unit: 3743

Serial No.: 09/044,030

Examiner: ATKINSON, Christopher

Filed: March 19, 1998

P.T.O. Confirmation No.: 7704

For: HEAT PIPE TYPE COOLER

RESPONSE UNDER 37 CFR §1.116  
- EXPEDITED RESPONSE -  
GROUP ART UNIT 3743

BOX AF

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated **October 9, 2002**, please amend the above identified application as follows:

January 14, 2003

RECEIVED  
JAN 17 2003  
TC 3700 MAIL ROOM

RECEIVED

JAN 17 2003

TECHNOLOGY CENTER R3700

IN THE CLAIMS:

Please amend claims 13 and 14 as follows:

- 5-12  
61
13. (Twice Amended) A heat pipe cooler, comprising:
- a heat receiving plate having first and second opposite surfaces, said heat receiving plate being adapted at said first surface to contact an element which generates heat and is to be cooled;
- a plurality of heat pipes fixed to said second surface of said heat receiving plate for thermal conduction, said plurality of heat pipes being upstanding with respect to said heat receiving plate, and said plurality of heat pipes being sealed at opposite end portions thereof;